

3 - We already use about 40% of the energy of sunlight.

4 - Political will is what is lacking.

6 - $\frac{1}{5}$ of languages in New Guinea

16 - Galen - monkey was the most similar.

9 - our present ecocide is not novel, except in degree
long history of Killing and ecocide

? Dogs have more genetic variance than humans from chimpanzees.

32 - Great Leap Forward was maybe 40,000 yrs ago.

(Culture remained primitive) for eons after huge brain developed. What Kick started it?

37 The rise to human culture was not proportional to genetic change.

39 - Was it Big Game hunting that introduced co-operation and culture?

40 - Most calories came from plant foods gathered by women.

42 - Neanderthals brain size - 10% bigger. Much stronger muscles and heavier bones. They lived during ice ages.

47 - Evidence for great leap - France/Spain ^{40,000} yrs ago
Better hunting tools - large animals go extinct.

53 - He doubts Europeans carry any Neanderthal genes. - wrong

54 Great Breakthrough - The anatomical basis for spoken ^{complex} ~~language~~ language. larynx, tongue

56 - The Spoken Word made us free. No Fossil Record.

60 - Our life cycle is Bizarre by animal standards
72 Humans have large penis and big breasts before pregnancy - rare or unique.

75 Why big penis? an organ of display? Yes, and the display is intended for fellow men. A threat or Status

77 Human Female - Sexually receptive nearly constantly

∴ Most human sex is NOT for fertilization. Unique

80 - Was constant estrus necessary for Stable Family - and to get meat supply.

WOW - 79-82 Why concealed ovulation ^{concealed}
From - keeping him there - he enjoys sex for meat or work ^{sex}
All the way to - make it so he doesn't know - so he
can't go play around when she could be fertile.
Create male paternity paranoia. - TO

81 Primates Kill THE infants not their own. So,
maybe the somewhat promiscuous THIRD

CHIMPANZEE issue of
paternity - and many men would protect (or not kill)
82 Primate ♀ female, gorilla, chimp, NEVER die
in childbirth.

83 - Today Synthesis / Paradox - Couple must co-operate
a lot for a long time to rear child well - (But) must also
co-operate with other couples / people economically so
- So Sex NOT just reproduction. it is social cement. ^{thrive}
Private ovulation & intercourse emphasise the distinct
ion of the sexual & nonsexual partners in a group.

86 - USA - 10% of babies the fruit of adultery.

Actually much higher - 5% to 30%

So many societies deal w/ extramarital sex sexually
sadistic institutions (to devise) evolved.

88 - Best game strategy differs between Male & Female
- because of their reproductive biology.

97 - Sexual Jealousy is behind much murder

118 - Sexual Selection may lead to arbitrary (non -
survival) traits being evolved (peacock
Tail)

118 Pretty face - No Survival Value - But big in sexual selection
Breast shape

120 - Races in Geese - Preference for coloring is not
inherited - it is learned. - See Australian Aborigine

136 - Sherlock Holmes - if there was an "skin tone"
immortality - it would leave the earth a
"cesspool" of materialist sensualists

138 - Agriculture - Mixed Blessing? The Fall?

Brought much bad - Brought more food - But
Gross Social & Sexual Inequality,
Disease, and Despotism

186 - Corn - brought deterioration in skeletons.

187 Wheat, Corn, Rice - Over $\frac{1}{2}$ of human calories.

201 Mayans would have intoxicating enemas!

215 - We are probably (for practical purposes)
alone in the universe - and that is good.

221 - Human Hallmarks - art, language, threatening
their own existence.

225 - 1938 - Last big undiscovered group of people found.

233 - Dominant Cultures on earth - NOT chosen for
being the best quality - except military and
economic.

250-251 - Indo European languages - How did they come
to dominate all European languages - (almost)
Bosque? Fikimoh?

269 - The PIE - Proto Indo European mother
language spread both east & west by those who
had domesticated the horse - into a military/logistical
powerhouse

271 - So Indo European origin in the steppes

289 - Biggest genocide was Soviet
- same as cannabis

293 Gorillas & Chimps have wars & kill each other -

Not "Pygmy Chimps" (bonobos) who have casual sex.

294 Humans had to group in Bands to defend
from other humans - for starters.

Humans are especially big on genocide.

308 - Will Genocide increase as weapons more efficient

And Overpopulation pushes competition for resources?

312 - What persists in nature are the robust species - D.N.A.
ME - We must inventory all DNA that has survived.

Many species exterminate other species.
Primitive people or animals are not eco conscious. They
will destroy a species

313 Humans always on a habitat,
cause a wave of

extinctions
314 Animals will destroy whole habitat if freed
THE THIRD CHIMPANZEE

from natural controls - Now Humans are freed.

317 Seattle - contaminate your bed - one night you
will

suffocate in your own waste.
The Evolution and Future

321 Maori's arrived OF THE in NZ in 1000 AD

They killed off
everything large - and brought rats.
Human Animal

330 - Native peoples will destroy species and
habitats.

333 - Each Dominant
Civilization, in turn, destroyed its resource
base

JARED DIAMOND

335 - Deforestation, Erosion - salinization? - biggest
shapers of human history.

337 it is Beyond understanding to see modern
society repeating the past eco-mismanagement

349 - we are first generation to wonder if a planet
worth living on will survive.

350 - 2 great threats - Nuclear - Environmental

367 - Indonesia - preserves - ? work of David Kaunowitz?

I am the green man because I am the plant man, I know we are in the careful hands - (or the brilliant uncaring hands) of the force, which has provided here on earth everything that we need - in the form of all the plants - which give every part, except water, to our bodies - and in many cases ~~are~~ our ^{food, scent,} medicines. In the plant molecules that have survived in evolution, and, unfortunately, a few in plants that have not survived, we could find, if we looked and if we have preserved every possible species that have had the strength, power, strategy to survive, the answer to each one of our problems, our source of sustainable strength and, most obviously, our very clear teacher of personality propriety, of the depth of the mystery and the oneness, of the all sacredness - and the extent to which we could continue to evolve in a good and proper way - like I land by Huxley of proper behavior in the world - golden rule - Huxley said - get it right "There is no need to speak anything that is ~~unnecessary~~ uncharitable or...? unnecessary or frivolous!" - Exactly the Dan Rame Rule - Wow if you don't have anything nice to say - Don't say anything! That would be an LSD/Peote/mushroom message.

So, real religion is plant religion - like every atom within you by now - except the water. Why should religion come from a male dominant Killing story - when morality can be felt in the ~~possession~~ possession by the holy teaching plants. M, mushrooms peyote, ayahuasca